



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**24.07.2002 Bulletin 2002/30**

(51) Int Cl.7: **G11B 33/00, G11B 17/04,**  
**G11B 17/028, G11B 17/035,**  
**G11B 19/02, G11B 17/02**

(43) Date of publication A2:  
**04.04.2001 Bulletin 2001/14**

(21) Application number: **00120920.4**

(22) Date of filing: **26.09.2000**

(84) Designated Contracting States:  
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU**  
**MC NL PT SE**  
 Designated Extension States:  
**AL LT LV MK RO SI**

(30) Priority: **29.09.1999 JP 27744599**  
**29.09.1999 JP 27744799**

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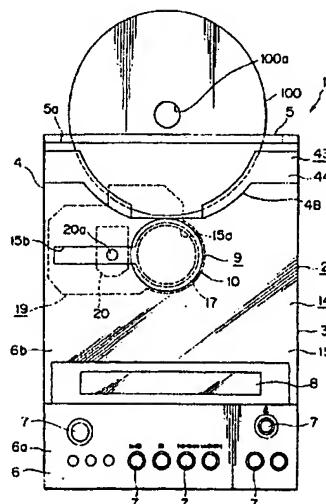
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(54) **Disk clamber, recording and/or playback apparatus and method for loading an inserted recording medium**

(57) Disclosed is a disk clamber (9) for cooperating with a disk table (17) to chuck a disk-type recording medium (100), comprising: a support section (10) disposed in an opposing relationship to the disk table (17); and a stabilizer (11) supported on the support section (10) for movement toward and away from the disk table (17); wherein, when the disk-type recording medium (100) is chucked, the stabilizer (11) is attracted to the disk table (17) with the disk-type recording medium (100) interposed therebetween, but when the disk-type recording medium (100) is not chucked, the stabilizer (11) is attracted to the support section (10). Accordingly, chucking operation in an assured manner can be realized.

**FIG. 1**





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# EUROPEAN SEARCH REPORT

Application Number  
EP 00 12 0920

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 01, 31 January 1996 (1996-01-31) & JP 07 244908 A (TANASHIN DENKI CO), 19 September 1995 (1995-09-19) * abstract *	1-8,11	G11B33/00 G11B17/04 G11B17/028 G11B17/035 G11B19/02 G11B17/02
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The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 31 May 2002	Examiner Moje, A
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 03/82 (P/M/C201)



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LACK OF UNITY OF INVENTION  
SHEET B

Application Number  
EP 00 12 0920

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. Claims: 1-11

A disk clasper, corresponding recording apparatus and loading method characterized by a support section, a turntable and a stabilizer which is attracted in opposed directions.

2. Claims: 12-18

A recording and/or playback apparatus characterized by an insertion slot, a carrying means and a shutter for closing said insertion slot.



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# EUROPEAN SEARCH REPORT

Application Number  
EP 00 12 0920

DOCUMENTS CONSIDERED TO BE RELEVANT			
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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
The present search report has been drawn up for all claims			
Place of search <b>MUNICH</b>		Date of completion of the search <b>31 May 2002</b>	Examiner <b>Moje, A</b>
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 12 0920

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
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31-05-2002

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82